



Basic Contact Probes

HCF73106B130G500

Order code 1116880

General

Design	Basic Contact Probe
Family	HCF731
Pitch [mm/mil]	2.40 / 94
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current [A]	5.00
Typical contact resistance [mOhm]	30.00

Mechanical specifications

Preload [cN]	145.00
Spring force [cN]	500.00
Nominal travel [mm]	3.50
Maximum travel [mm]	4.40
Pointing accuracy +/- [mm]	0.08
Thread	M1.4
Tool size [mm]	1.4

Dimensions

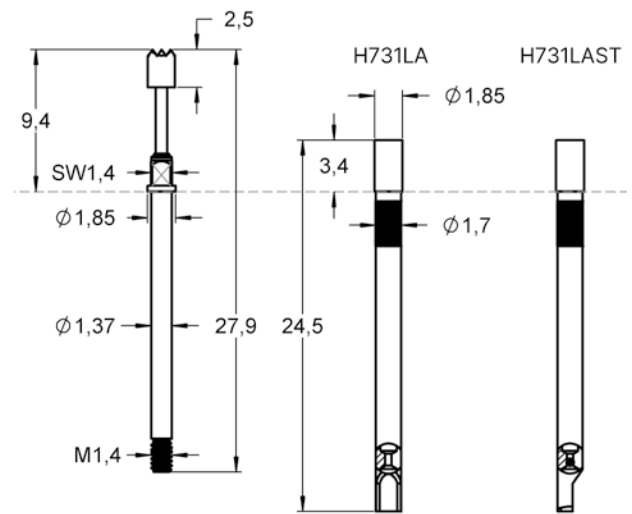
Total length [mm]	27.90
Projection height [mm]	9.40
Tip style diameter [mm]	1.30
Barrel diameter [mm]	1.37
Collar diameter [mm]	1.85
Press ring diameter [mm]	1.85

Materials & surfaces

Tip style	06
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated

Family drawing

All measurements are in mm.



Accessories

Tool for receptacle	FEWZ-100E0
Tool for probe	1004487-FWZ731S1, 1029810-FWZ731S1T
Other	1001844-H731LA

Tip style 1

